Amend claims 7, 8, 12 and 15 as follows:

In claim 7, page 33, line 17, delete "6" and insert therefor -- 12 --.

In claim 8, page 34, line 16, delete "6" and insert therefor -- 12 --.

In claim 15, line 1, delete "6" and insert therefor -- 12 --.

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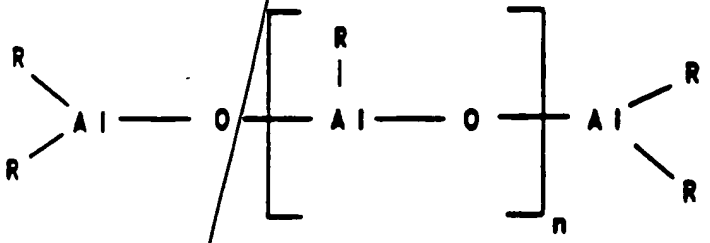
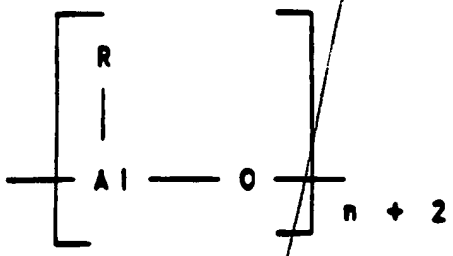
12. (Amended) A process for the preparation of a polyolefin molding composition having a broad, bimodal or multimodal melting range in the DSC spectrum, where the melting range maximum is between 120 and 165°C, the half-intensity width of the melting peak is broader than 10°C and the width determined at quarter peak height is greater than 15°C, wherein such process comprises direct polymerization or copolymerization of at least two polyolefins of different melting point, where the melting points must differ by at least 5°C, and wherein the olefins have the formula $R^aCH=CHR^b$, in which R^a and R^b are identical or different and are a hydrogen atom or an alkyl radical having 1 to 14 carbon atoms, or R^a and R^b, together with the atoms connecting them, can form a ring, and are polymerized at a temperature of from -60 to 200°C, and a pressure of from 0.5 to 100 bar, in solution, in suspension or in the gas phase, in the presence of a catalyst, where the catalyst comprises at least two metallocenes as transition-metal components and an aluminoxane of the formula II



(II)

for the linear type and/or of the formula III

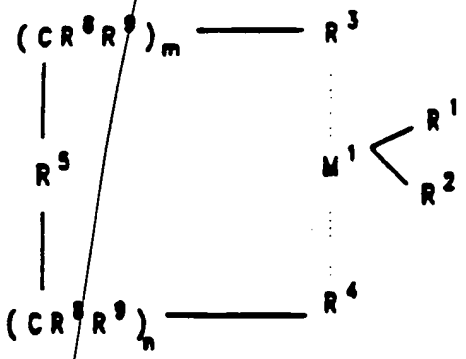


(III)

for the cyclic type, where, in the formulae II and III, the radicals R may be identical or different and are a C_1–C_6–alkyl group, a C_1–C_6–fluoroalkyl group, a C_6–C_{18}–aryl group, a C_6–C_{18}–fluoroaryl group or hydrogen, and n is an integer from 0 to 50, and the aluminoxane component may additionally contain a compound of the formula AlR_3.

B' Contd

where the transition-metal component used comprises at least two metallocenes of the formula I:



(I)

in which

M^1 is Zr, Hf or Ti,

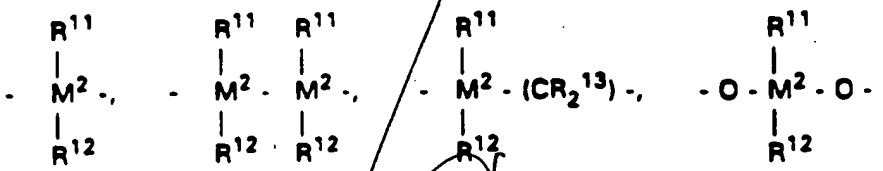
R^1 and R^2 are identical or different and are a hydrogen atom, a C_1–C_{10}–alkyl group, a C_1–C_{10}–alkoxy group, a C_6–C_{10}–aryl group, a C_6–C_{10}–aryloxy group,

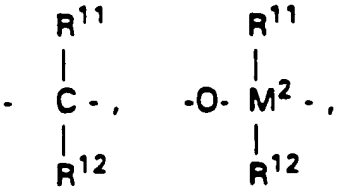
a C_2-C_{10}-alkenyl group, a C_7-C_{40}-arylalkyl group, a C_7-C_{40}-alkylaryl group, a C_8-C_{40}-arylalkenyl group or a halogen atom,

R^3 and R^4 are identical or different and are a monocyclic or polycyclic, unsubstituted or substituted hydrocarbon radical which, together with the metal atom M^1, can form a sandwich structure,

R^5 is

B' Cont'd





$=BR^{11}$, $=AlR^{11}$, -Ge-, -Sn-, -O-, -S-, $=SO$, $=SO_2$, $=NR^{11}$, $=CO$, $=PR^{11}$ or $=P(O)R^{11}$,

where

R^{11}, R^{12} and R^{13} are identical or different and are a hydrogen atom, a halogen atom, a C_1-C_{10}-alkyl group, a C_1-C_{10}-fluoroalkyl group, a C_6-C_{10}-aryl group, a C_6-C_{10}-fluoroaryl group, a C_1-C_{10}-alkoxy group, a C_2-C_{10}-alkenyl group, a C_7-C_{40}-arylalkyl group, a C_8-C_{40}-arylalkenyl group or a C_7-C_{40}-alkylaryl group, or R^{11} and R^{12} or R^{11} and R^{13}, in each case together with the atoms connecting them, form a ring, and

B' cont'd

M^2 is silicon, germanium or tin,

R^8 and R^9 are identical or different and are as defined for R^{11},

m and n are identical and are ~~zero~~.

Add new claim 16:

B2

16. The process as claimed in claim 12, wherein the polyolefin molding composition produced has a molecular weight distribution M_w/M_n that is ≤ 3.

REMARKS

A. Amendments to the Claims

Claim 6, now canceled, has been incorporated into amended claim 12. The dependency of claims 7, 8 and 15 has been changed from canceled claim 6 to claim 12. New claim 16 recites a particular embodiment wherein the polyolefin molding composition has a molecular weight distribution M_w/M_n that is ≤ 3. Support for new claim 16 is found in Examples 6–16. In these examples, a polyolefin molding composition is prepared in accordance with the process of claim 12 and the reported M_w/M_n are as follows:

Example	6	7	8	9	10	11	12	13	14	15	16
M_w/M_n	2.2	2.8	3.3	2.0	2.3	2.5	2.7	2.9	3.3	2.9	2.5